PWG	Process	Generator	Beam Parameters	No Events Requested	No Events in Storage	Notes
Exclusive	DVCS ep	MILOU3D	Plan to run for highest and lowest energy configs	Awaiting confirmation	Awaiting info but expect will pass on steering card and not pre-generate events	Currently checking all info needed for central detector studies (not enough info available for complete study of proton yet)
Exclusive	DVCS pi0	Root files of generated events from YR. Have converted these files into MILOU3D format	Plan to run for highest and lowest energy configs	Awaiting confirmation	Awaiting confirmation (already in hand at MIT)	
Exclusive	DVCS He	TOPEG	Plan to run for highest and lowest energy configs	1M per setting	Will copy generated events to JLab Farm when available	Currently testing all info needed in evaluator files
Exclusive	DVMP (focus primarily on J/psi)	lAger	Plan to run for highest and lowest energy configs	Awaiting confirmation	Will copy generated events to JLab Farm when available	In first simulation plan to run for J/Psi only (expand in later simulation campaigns)
Exclusive	DVMP (several mesons)	Virginia Tech	Plan to run for highest and lowest energy configs	Awaiting confirmation	Can generate files on any farm (incl Virginia Tech) and copy to wherever is needed	In first simulation plan to run for BH, rho and J/psi. Ie three physics settings per beam setting
Exclusive	DVMP (phi) eA	Sartre	Plan to run highest and lowest energy configs, at the moment running for gold ion	Awaiting confirmation	Awaiting info	
Exclusive	Coherent eA J/psi study	Sartre	Awaiting info, may include ion type study	Awaiting info	Awaiting info	This may go under diffractive

Is the advice to run each beam configuration for two magnetic field settings of the solenoid?
If so please double any numbers above

Possible notes from exclusive

- General **analysis notes on each of the reactions listed** on previous page (check institutions listed under each reaction for expected groups who will be writing the notes)
  - plus more will be covered in the notes than listed on previous page, which shows our starting studies only, eg DVMP will run for other mesons beyond those listed previously (eg eta, upsilon, omega, excited j/psi), as well as possibly looking at DDVCS, TCS)

- **Polarised** meson production in DVMP (so far not discussed for initial studies, but expect to look at later on in campaign)

- **Central detector resolution** studies as part of DVCS, eg DVCS reconstruction and separation from pi0 background events (need to check with MIT if they are willing to include this type of study in their DVCS note).

- Several exclusive reactions require good reconstruction in the **forward detectors** (eg forward proton in DVCS) - but since it is **likely we can work together with diffraction team for collective note,** e.g. including:
  - t reconstruction in forward tagging will be crucial (for vector meson reconstruction) and so studies will be performed on this (again likely will be a collaboration with diffractive team)
  - Background rejection (e.g. Sartre vs beagle comparisons for incoherent background (?))
  - Different nuclei systematic study
  - Diffractive coherent, incoherent on eA